|  | OIP                         | 3018  | •                           | 7-19-,04.  |                      | J  |  |
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| Under  | JUL 1 5 200                 | <b>5</b>                                    | no person                   | is are required to respond to a collection                             | nt and Tra           | PTO/SB/21 (08-03) Approved for use through 08/30/2003. OMB 0651-0031 ademark Office; U.S. DEPARTMENT OF COMMERCE broading unless it displays a valid OMB control number. |  |
|  | RADEMARK                    | 7   |                             | Application Number   | 10,                  | /607,869   |  |
|  |                             | MITTAL                                      |                             | Filing Date  | 1                    | ne 27, 2003  |  |
|  | FO                          | RM  |                             | First Named Inventor   | 1                    | ongze Wang   |  |
| (to be use   | ed for all corres           | pondence after initial f                    | filing)                     | Art Unit   | 283                  |  |  |
| ,  |                             |   | -                           | Examiner Name  |                      | nnifer M. Kennedy  |  |
| Total Numb   | har of Pages in             | This Submission                             |                             | Attorney Docket Number   | 22-2343              |  |  |
| Total Isom   | Jet or Fages                | Tills Submission                            |                             |  | <u> </u>             |  |  |
|  |                             |   | ENC                         | LOSURES (Check all that  | t apply)             |  |  |
| X Fee  | e Transmittal Form          |   |                             | Drawing(s)  Licensing-related Papers                                   |                      | After Allowance communication to Technology Center (TC)  |  |
| X  | X Fee Attached              |   |                             |  |                      | Appeal Communication to Board of Appeals and Interferences   |  |
| Ame  | ndment/Reply                | y   |                             | Petition   |                      | Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)   |  |
|  | After Final                 |   | 111                         | Petition to Convert to a<br>Provisional Application                    |                      | Proprietary Information  |  |
| $\overline{\Box}$  |                             |   |                             | Power of Attorney, Revocation  |                      | Status Letter  |  |
|  |                             | declaration(s)                              |                             | Change of Correspondence Addre   | ess                  | Other Enclosure(s) (please   |  |
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| X Infor  | mation Disclo               | sure Statement                              |                             | CD, Number of CD(s)  |                      | References   |  |
|  | ified Copy of I<br>ument(s) | Priority                                    | Remarks Customer No. 021567 |  |                      |  |  |
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| Firm<br>or   | Wells S                     | k S. Matkin<br>St. John P.S.                | , Reg                       | . No. 32,268   |                      |  |  |
| Individual na<br>Signature                                     | ame                         |   |                             | 22.2   |                      |  |  |
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| I hereby cert<br>sufficient pos<br>the date sho                | stage as first              | orrespondence is be<br>class mail in an env | eing facsi<br>velope ad     | imile transmitted to the USPTO or<br>Idressed to: Commissioner for Pal | r deposi<br>tents, P | ited with the United States Postal Service with<br>P.O. Box 1450, Alexandria, VA 22313-1450 on   |  |
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2003

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June 27,

MI22-2343

10/607,869

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Application Number

Attorney Docket No.

Filing Date

## for FY 2004

(\$)180.00

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

SUBMITTED BY

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Signature

| First Named Inventor | Zhongze Wang        |  |  |  |  |
|----------------------|---------------------|--|--|--|--|
| Examiner Name        | Jennifer M. Kennedy |  |  |  |  |
| Art Unit             | 2812                |  |  |  |  |

| METHOD OF PAYMENT (check all that apply)                                     | FEE CALCULATION (continued)   |          |  |  |  |  |
|--|---|----------|--|--|--|--|
| X Check Credit card Money Other None   | 3. ADDITIONAL FEES  |          |  |  |  |  |
| X Deposit Account:   | Large Entity   Small Entity   |          |  |  |  |  |
|  | Fee Fee Fee Fee Fee Description  Fee Paid  Fee Paid   |          |  |  |  |  |
| Account   23-0925  | 1051 130 2051 65 Surcharge - late filing fee or oath  | ٦١       |  |  |  |  |
| Number<br>Deposit  | 1052 50 2052 25 Surcharge - late provisional filing fee or  | 11       |  |  |  |  |
| Account Name Wells St. John P.S.   | cover sheet   | ٦1       |  |  |  |  |
| The Director is authorized to: (check all that apply)                        | 1053 130 1053 130 Non-English specification  1812 2.520 1812 2.520 For filing a request for <i>ex parte</i> reexamination | 11       |  |  |  |  |
| Charge fee(s) indicated below X Credit any overpayments                      |   | 11       |  |  |  |  |
| Charge any additional fee(s) or any underpayment of fee(s)  DEF ICIENCY ONLY | 1804 920* 1804 920* Requesting publication of SIR prior to  Examiner action   | 41       |  |  |  |  |
| Charge fee(s) indicated below, except for the filing fee                     | 1805 1,840* 1805 1,840* Requesting publication of SIR after   |          |  |  |  |  |
| to the above-identified deposit account.                                     | Examiner action  1251 110 2251 55 Extension for reply within first month  | ۲        |  |  |  |  |
| FEE CALCULATION  | 1251 110 2251 55 Extension for reply within list month  | ]        |  |  |  |  |
| 1. BASIC FILING FEE  | 1253 950 2253 475 Extension for reply within third month  |          |  |  |  |  |
| Large Entity Small Entity  Fee Fee Fee Fee Fee Description Fee Paid          | 1254 1,480 2254 740 Extension for reply within fourth month   | 7        |  |  |  |  |
| Code (\$) Code (\$)  | 1255 2,010 2255 1,005 Extension for reply within fifth month  | 1        |  |  |  |  |
| 1001 770 2001 385 Utility filing fee   | 1   | וך       |  |  |  |  |
| 1002 340 2002 170 Design filing fee  | 1401 330 2401 165 Notice of Appeal  | ٦!       |  |  |  |  |
| 1003 530 2003 265 Plant filing fee   | 1402 330 2402 165 Filing a brief in support of an appeal  | ٦!       |  |  |  |  |
| 1004 770 2004 385 Reissue filing fee   | 1403 290 2403 145 Request for oral hearing  | 7        |  |  |  |  |
| 1005 160 2005 80 Provisional filing fee                                      | 1451 1,510 1451 1,510 Petition to institute a public use proceeding  1452 110 2452 55 Petition to revive - unavoidable    | ۱۱       |  |  |  |  |
| SUBTOTAL (1) (\$) Ø  |   | ٦!       |  |  |  |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE                                  | 1453 1,330 2453 665 Petition to revive - unintentional  | ۱۲       |  |  |  |  |
| Fee from Extra Claims below Fee Paid   | 1501 1,550 2501 005 Others issue fee (of feissue)   | ۱۱       |  |  |  |  |
| Total Claims 20** = X =  | 1503 640 2503 320 Plant issue fee   | ٦.       |  |  |  |  |
| Independent Claims - 3** = X = =   | 1460 130 1460 130 Petitions to the Commissioner .   | 1        |  |  |  |  |
| Multiple Dependent =   | 1807 50 1807 50 Processing fee under 37 CFR 1.17(g)   | ٦        |  |  |  |  |
| Large Entity   Small Entity  | 1806 180 1806 180 Submission of Information Disclosure Stmt 180   | 7        |  |  |  |  |
| Fee Fee Fee Fee Description  | Recording each natent assignment per  | 7        |  |  |  |  |
| Code (\$)   Code (\$)   1202   18   2202   9   Claims in excess of 20        | property (times number of properties)   | 4        |  |  |  |  |
| 1201 86 2201 43 Independent claims in excess of 3                            | . 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))   |          |  |  |  |  |
| 1203 290 2203 145 Multiple dependent claim, if not paid                      | 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  |          |  |  |  |  |
| 1204 86 2204 43 ** Reissue independent claims over original patent           | 1801 770 2801 385 Request for Continued Examination (RCE)   | 7        |  |  |  |  |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent    | 1802 900 1802 900 Request for expedited examination of a design application   | 7        |  |  |  |  |
| <u> </u>   | Other fee (specify)   | ]        |  |  |  |  |
| SUBTOTAL (2) (\$) Ø  | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180.00  |          |  |  |  |  |
| **or number previously paid, if greater; For Reissues, see above             |   | <b>=</b> |  |  |  |  |
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Registration No.

Telephone

Date

32,268

## N THE UNITED STATES PATENT AND TRADEMARK OFFICE

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR §1.56. Copies of the cited art are included. No admission is made regarding whether all the submitted references are prior art.

Respectfully submitted,

Dated: 7-15-04

Mark S. Matkin Reg. No. 32,268

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| Form PTO-1  | Form PTO-1449         |                         | S. DEPARTM      | MENT OF COMMERCE<br>TRADEMARK OFFICE | ATTY. DOCKE             |       | SERIAL NO.<br>10/607,869 |                                      |         |  |
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| 01  | PE                    | UST OF ART CITED I      | it.             | APPLICANT:                           | APPLICANT: Zhongze Wang |       |                          |                                      |         |  |
| JUL 1   | 5 200A                | 3                       |                 |                                      | FILING DATE 06/27/2003  |       | GRC<br>2812              |                                      | JP      |  |
| U.S. 12496  | MARK                  | CUMENTS                 |                 |                                      |                         |       |                          |                                      |         |  |
| *Examiner's<br>Initials   |                       | Document<br>Number      | Date            | Name                                 |                         | Class | Subclass                 | oclass Filing Date<br>If Appropriate |         |  |
|   | AA                    | 6,512,244 B1            | 01/2003         | Ju et al.                            |                         | 257   | 59                       |                                      |         |  |
|   | AB                    | 6,509,613 B1            | 01/2003         | En et al.                            | 257                     | 349   | 349                      |                                      |         |  |
|   | AC                    | 6,541,861 B2            | 04/2003         | Higashi et al.                       |                         | 257   | 751                      |                                      |         |  |
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|   | AF                    | 5,773,355               | 06/1998         | Inoue et al.                         |                         | 438   | 459                      |                                      |         |  |
|   | AG                    | 5,767,020               | 06/1998         | Sakaguchi et al.                     |                         | 438   | 705                      | 705                                  |         |  |
|   | АН                    | 6,534,380 B1            | 03/2003         | Yamauchi et al.                      |                         | 438   | 455                      | 455                                  |         |  |
|   | Aì                    | 5,374,329               | 12/1994         | Miyawaki                             | 156                     | 630   | 630                      |                                      |         |  |
| FOREIGN F   | ATENT                 | T DOCUMENTS             | T               | Т                                    |                         |       |                          |                                      |         |  |
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| OTHER RE  | FEREN                 | NCES (including Author, | Title, Date, Pe | ertinent Pages, Etc.)                |                         |       |                          |                                      |         |  |
|   | АМ                    |                         |                 |                                      |                         |       |                          |                                      |         |  |
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**4**).

Form PTO-1449 ATTY. DOCKET NO. U.S. DEPARTMENT OF COMMERCE SERIAL NO. PATENT AND TRADEMARK OFFICE MI22-2343 10/607,869 LIST OF ART CITED BY APPLICANT APPLICANT: Zhongze Wang (Use several sheets if necessary) **FILING DATE GROUP** 06/27/2003 2812 **U.S. PATENT DOCUMENTS** \*Examiner's Document Date Name Class Subclass Filing Date Initials Number If Appropriate 2002/0011670 A1 01/2002 Higashi et al. 257 751 AB AC ΑE AF AG AH FOREIGN PATENT DOCUMENTS Document Date Country Class SubclasS Translation Number Yes No AK AL OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) AO **EXAMINER** DATE CONSIDERED \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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